FAX NO. 7134688883

# 9/4 1 Opravio 86/03

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Applicant:

Mail Stop AF

P.O. Box 1450

James S. Almaguer

Art Unit:

2862

Serial No.:

10/028,835

Walter E. Snow

Filed:

December 20, 2001

Examiner:

Title:

Downhole Magnetic-Field

Docket No.

22.1414

(SHL.0128US)

Based Feature Detector

Alexandria, Virginia 22313-1450

Commissioner for Patents

REPLY TO OFFICE ACTION DATED JUNE 3, 2003

Dear Sir:

Please amend the specification and claims, as set forth in the following SPECIFICATION AMENDMENT and CLAIM AMENDMENTS sections.

FAX RECEIVED

TECHNOLOGY CENTER 2800

July 28, 2003 Date of Deposit:

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. 703-872-9319) on the date

indicated above